

FORMATION OF UNDERLYING FILM/AMORPHOUS SEMICONDUCTOR FILM

Fig. 1(A)

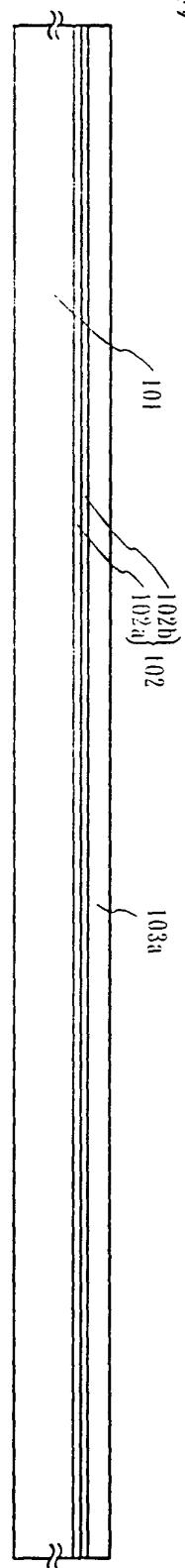


Fig. 1(B) CRYSTALLIZATION STEP

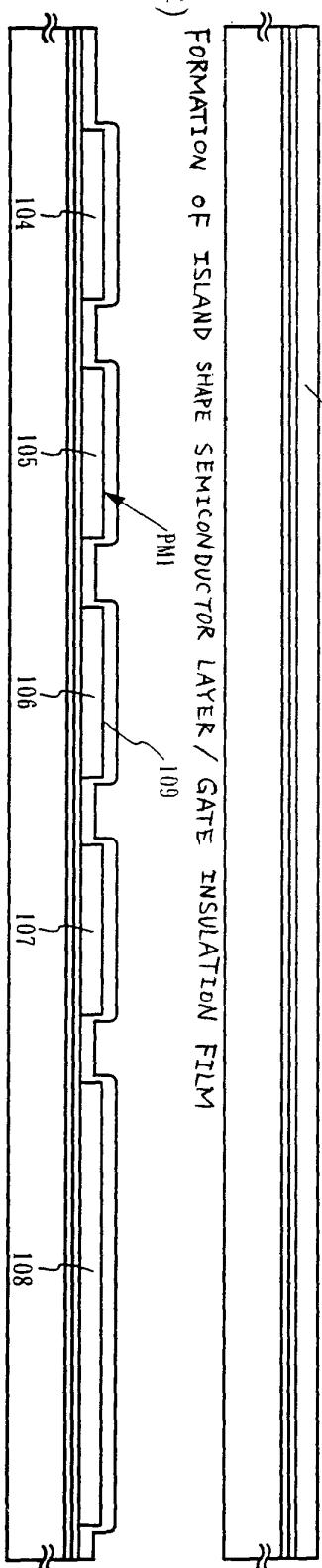


Fig.1(c) FORMATION OF ISLAND SHAPE SEMICONDUCTOR LAYER / GATTI
 PMI 109

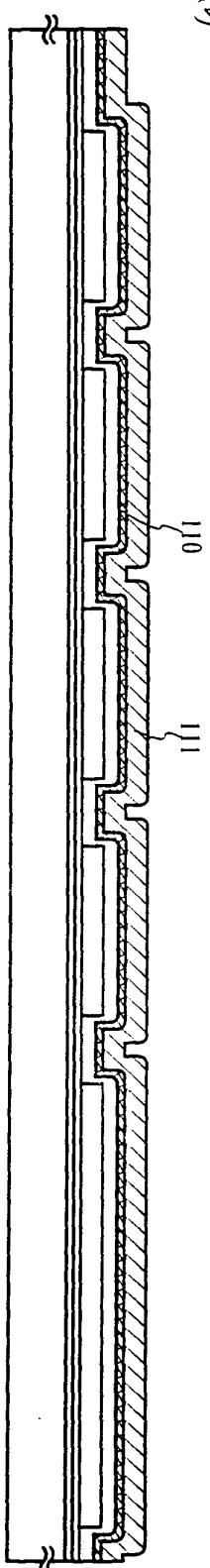


Fig.1(b) FORMATION OF HEAT-RESISTANT CONDUCTOR LAYER

FORMATION OF GATE ELECTRODE

Fig. 2(A)

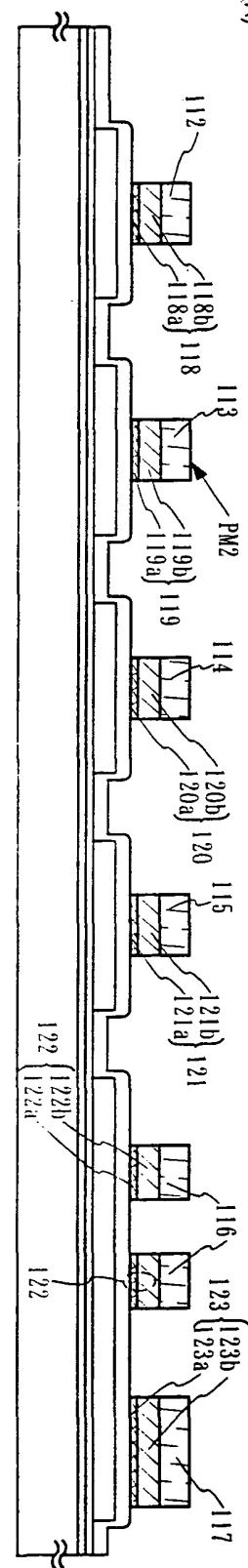


Fig. 2(B)

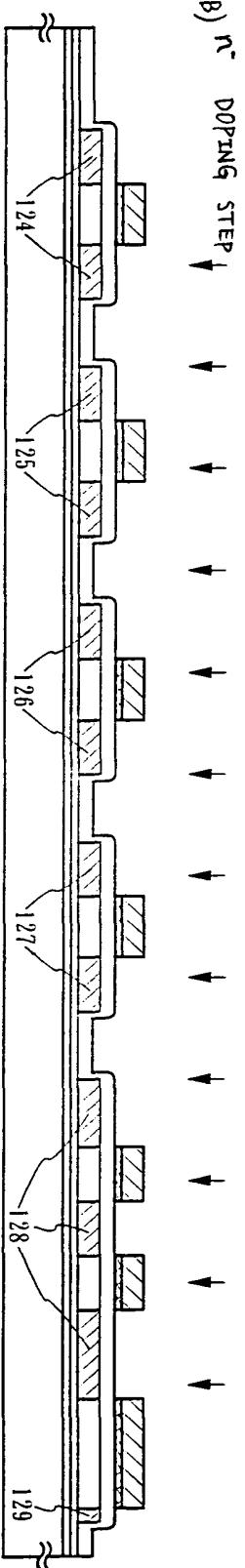


Fig. 2(C)

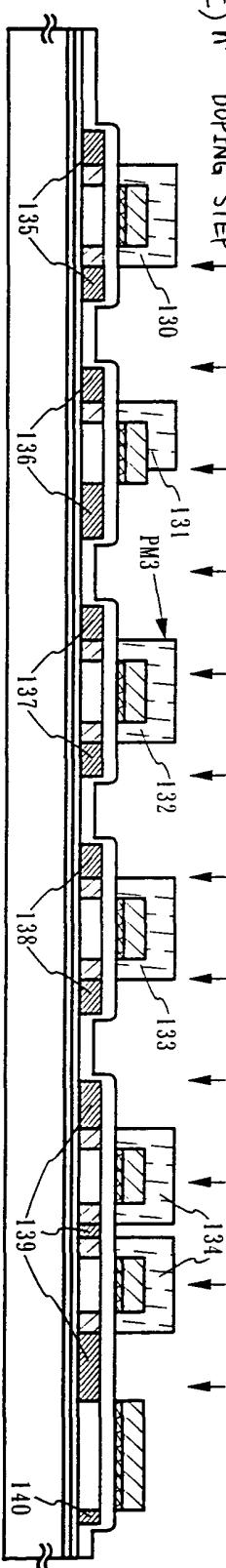


Fig. 2(D)

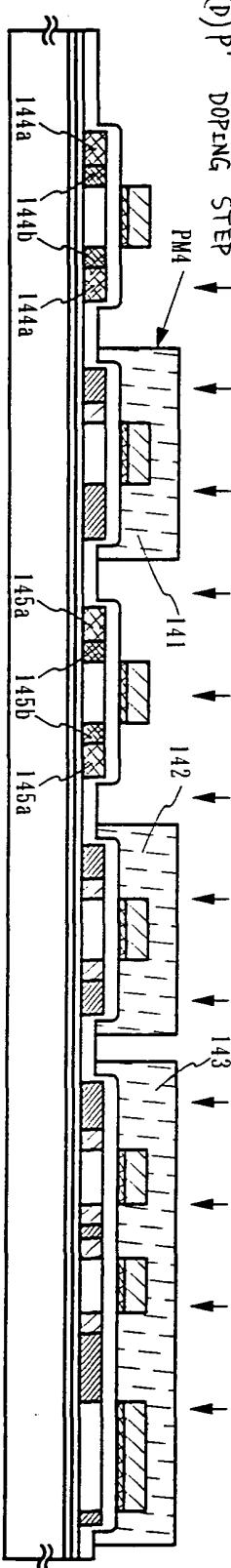


Fig.3(A) FORMATION OF PROTECTIVE INSULATION FILM

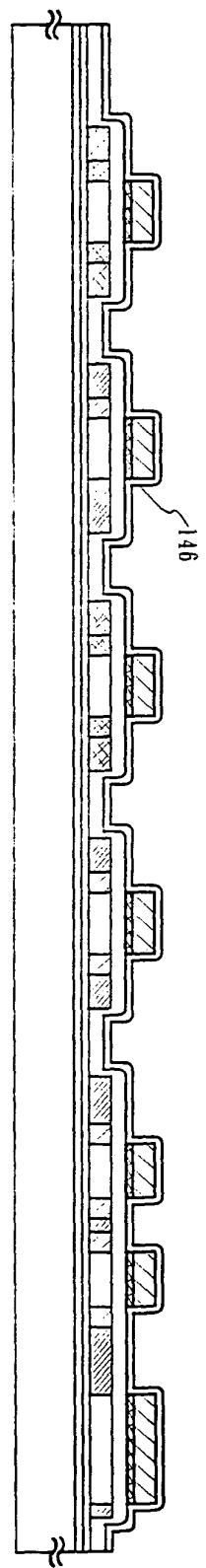


Fig.3(B) ACTIVATION STEP

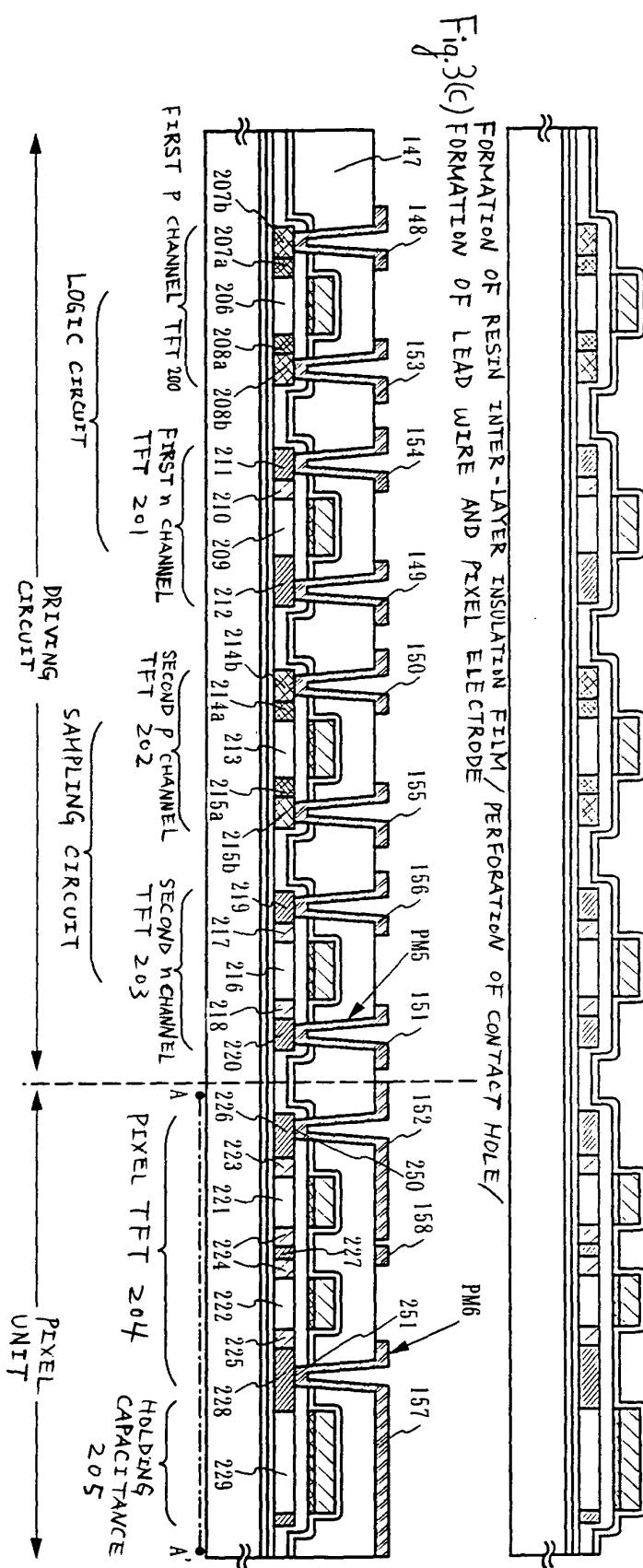


Fig. 4(1) n⁻ DOPING STEP ↓

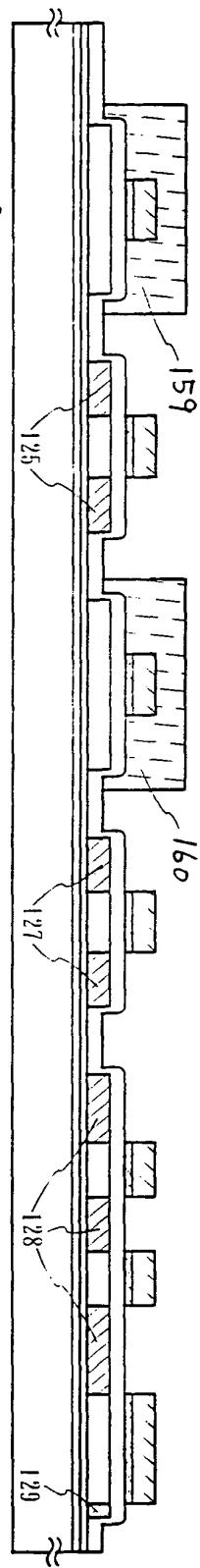


Fig. 4(B)

DRAFT 200

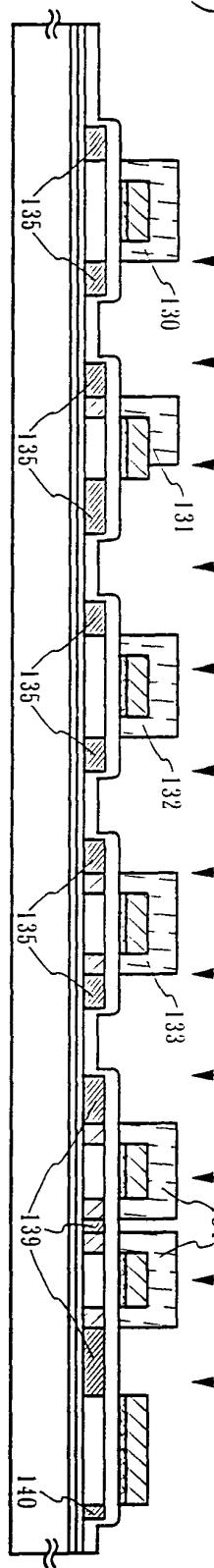


Fig. 4(c) P^+ DOPING STEP
146>

163

146

07

1

THE BOSTONIAN

Fig.5(A) ACTIVATION STEP

118c

119c

120c

121c

122c

123c

Fig.5(B) FORMATION OF LOW RESISTANCE CONDUCTIVE LAYER / FORMATION OF PROTECTIVE INSULATION FILM

164

146

165

166

Fig.5(C) FORMATION OF RESIN INTER-LAYER INSULATION FILM / PERFORATION OF CONTACT HOLE / FORMATION OF LEAD WIRE AND PIXEL ELECTRODE

147

148

252

253

153

254

154

255

149

150

155

156

151

167

256

257

168

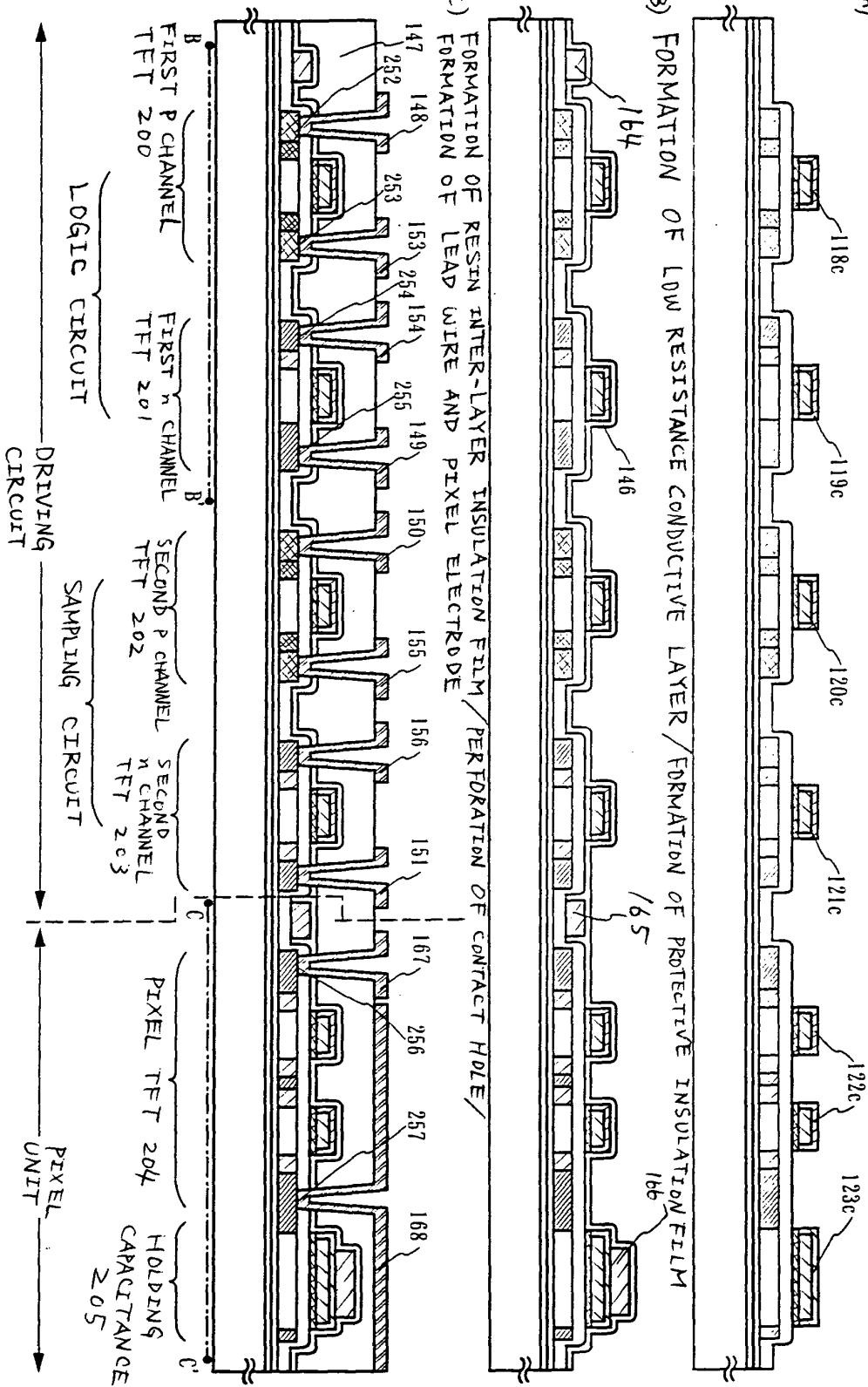


Fig. 6(A)

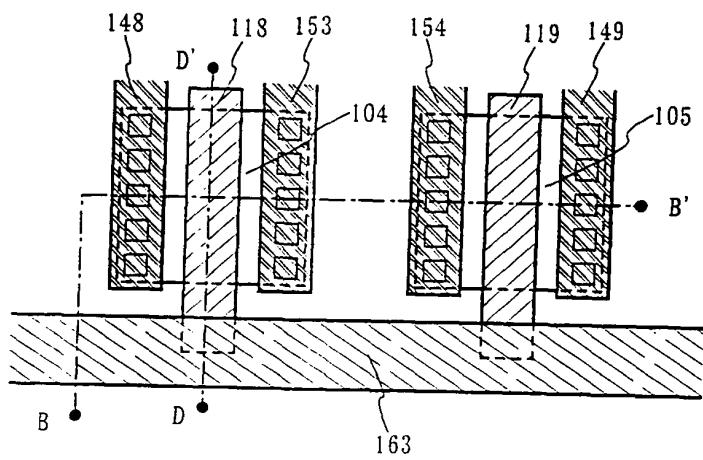


Fig. 6(B)

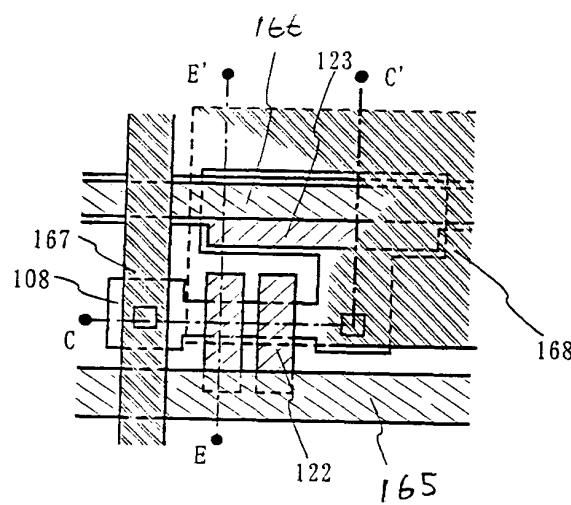


Fig. 7(A)

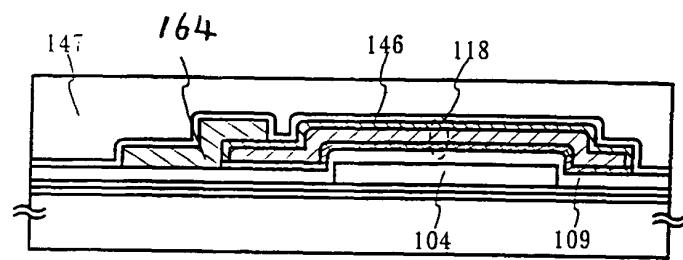
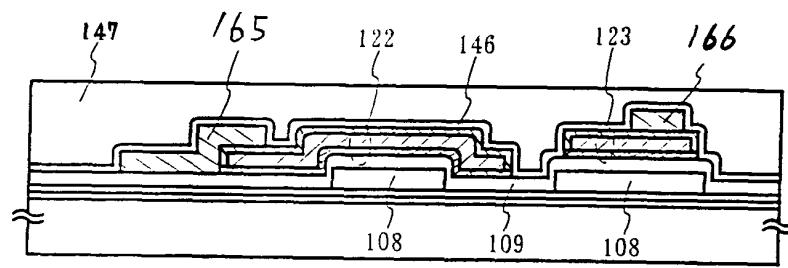


Fig. 7(B)



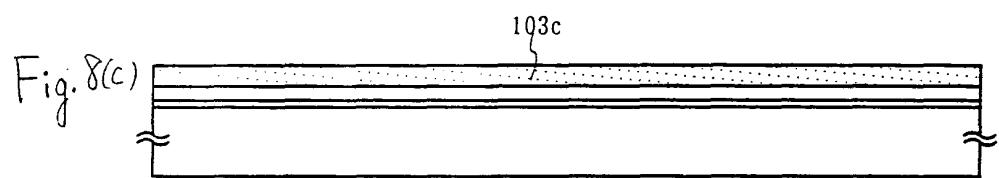
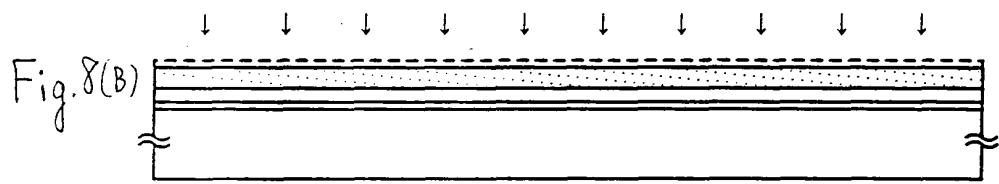
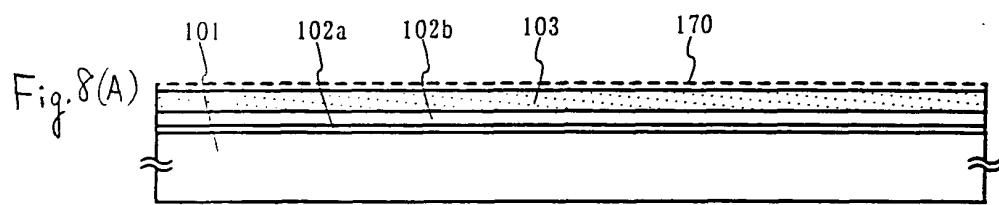


Fig. 9

ACTIVATION

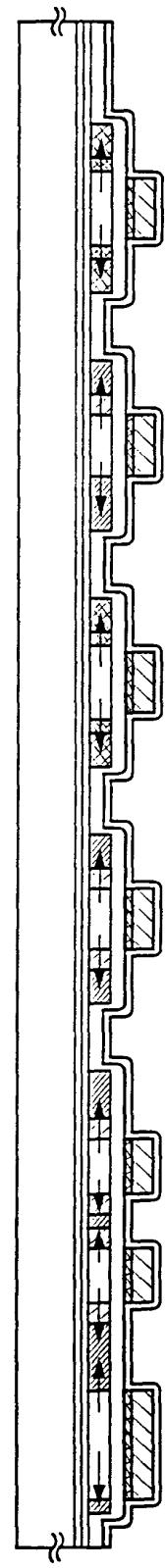


FIGURE 10(B) OF FIGURE 10A

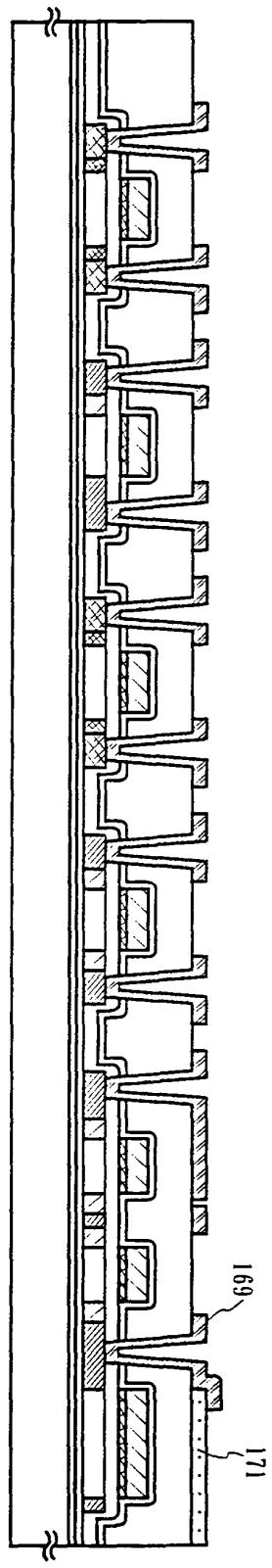


Fig. 10(B)

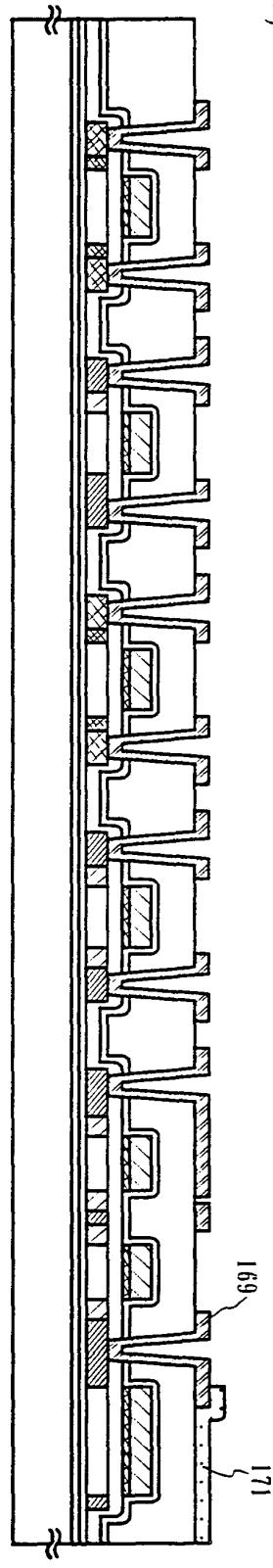


Fig. 10(A)

FORMATION OF ORIENTATION FILM / FORMATION OF SPACER /
RUBBING TREATMENT

Fig. II(A)

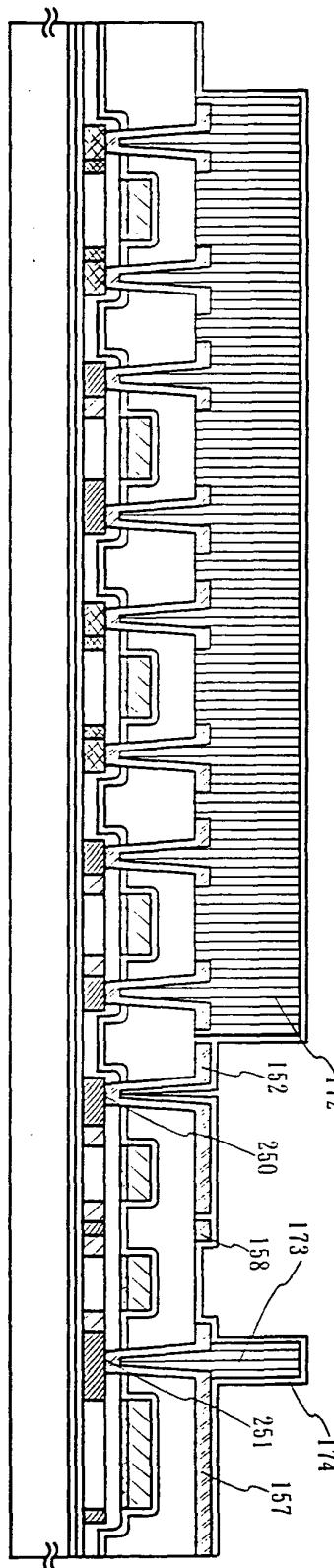


Fig. II(B) BONDING OF OPPOSED SUBSTRATE

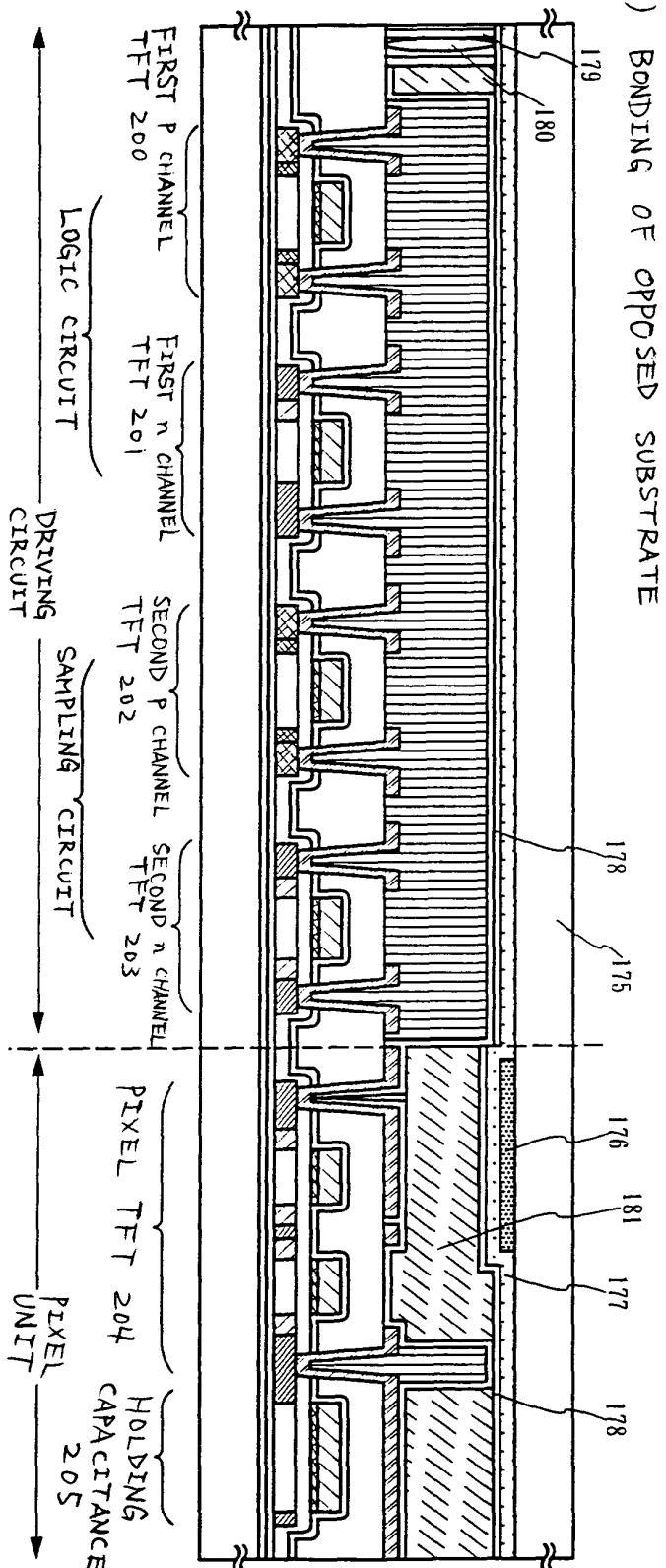


Fig. 12

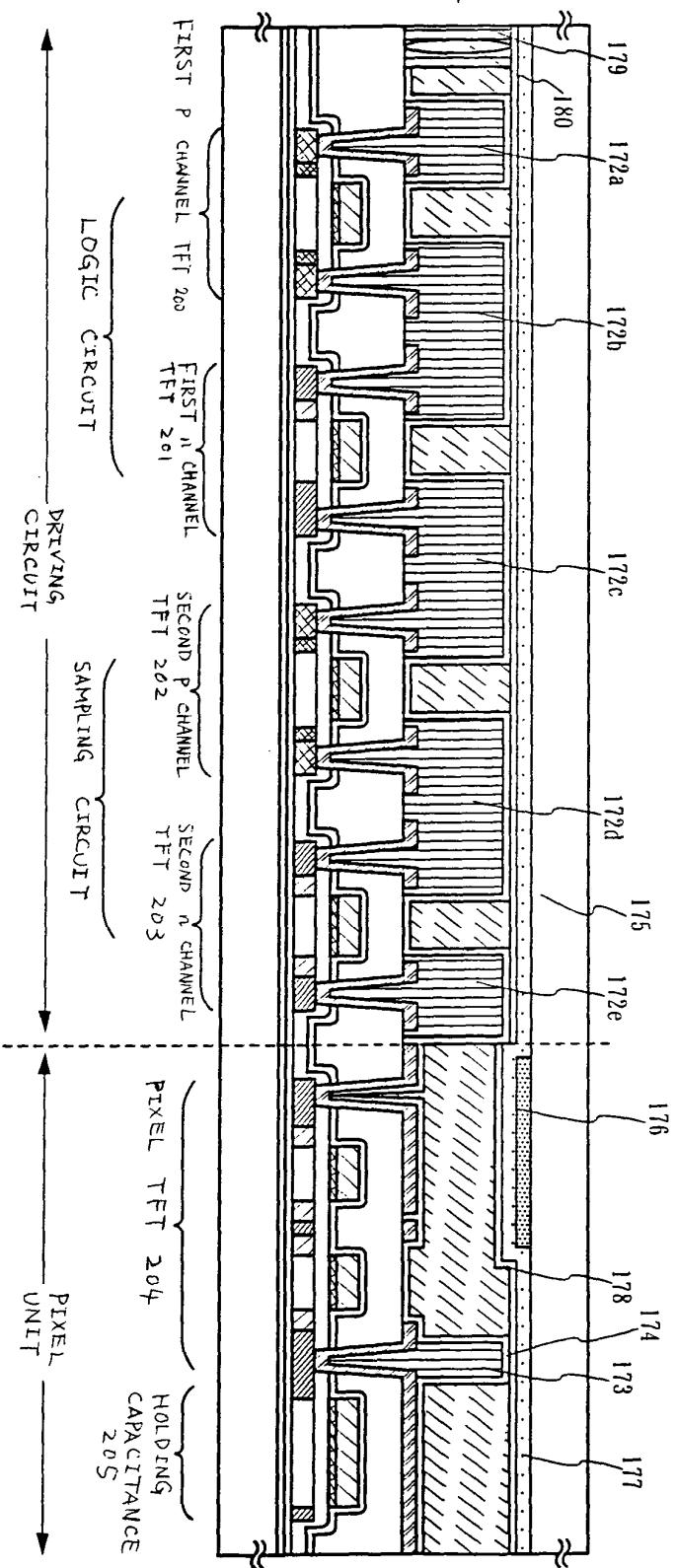
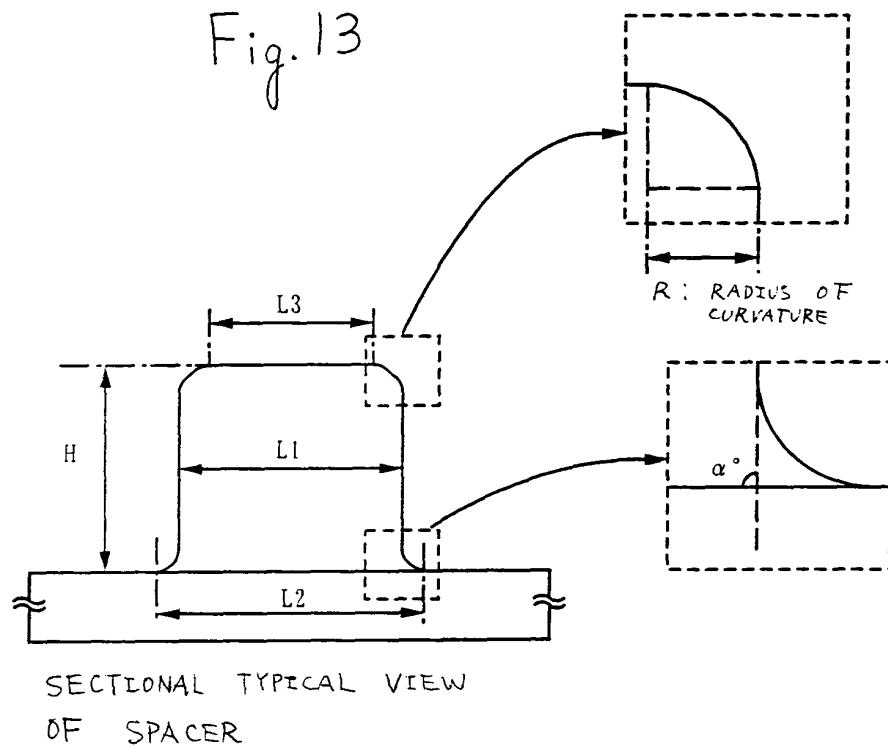


Fig. 13



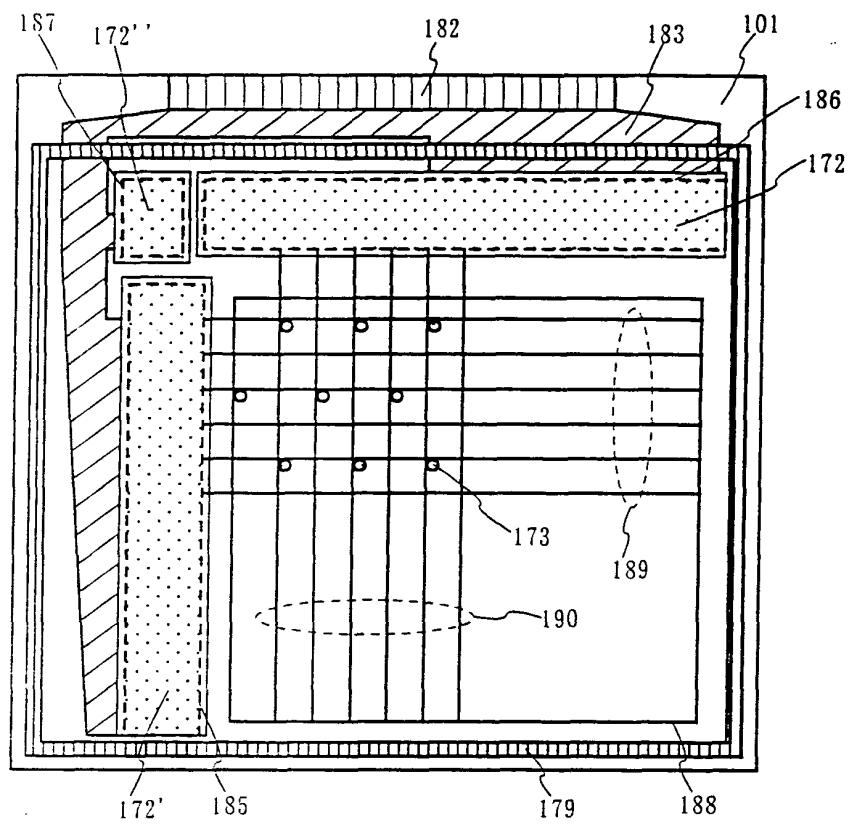


Fig. 14

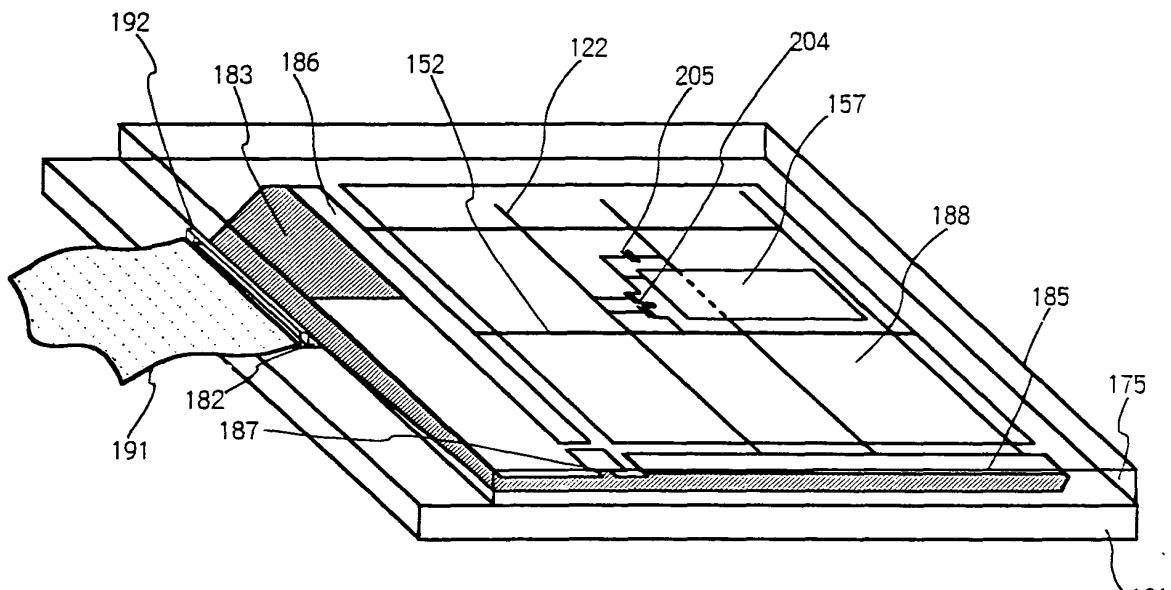


Fig. 15

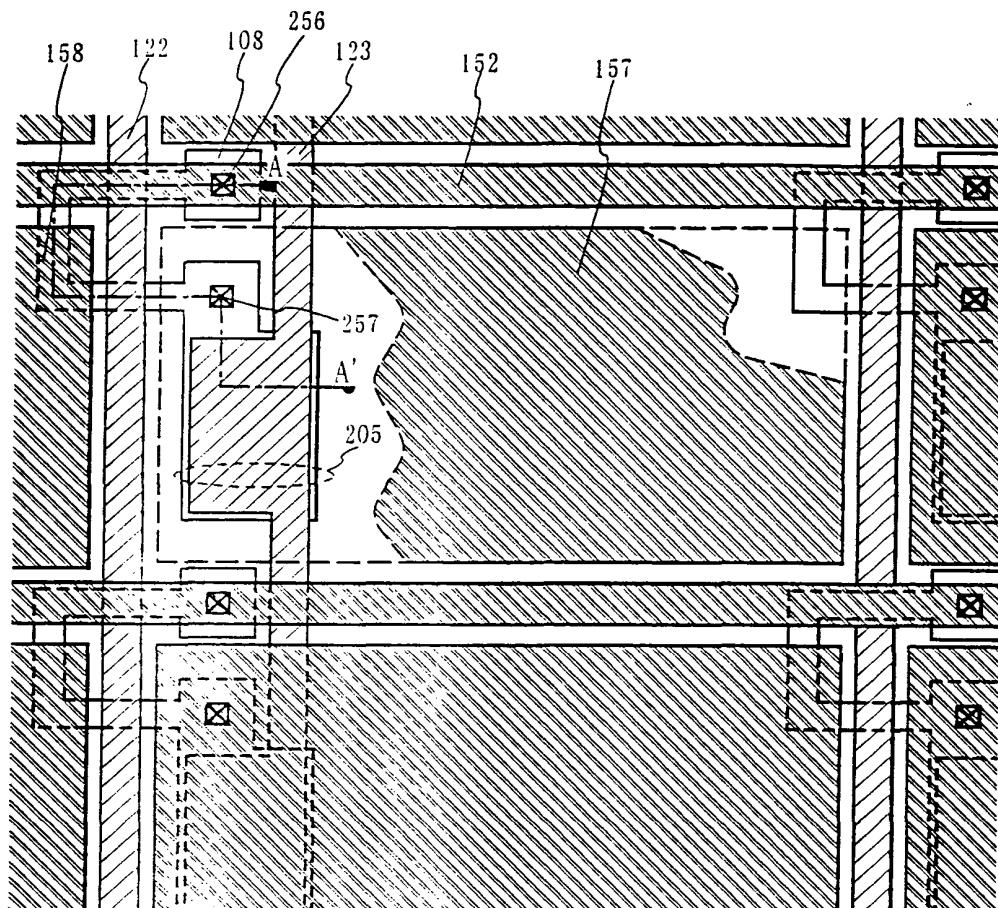


Fig. 16

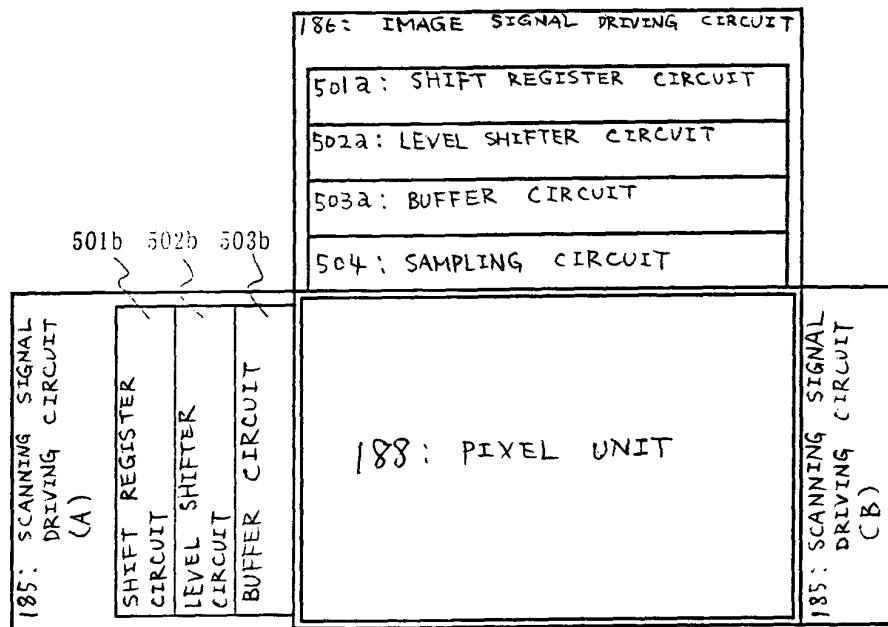


Fig. 17

Fig. 18

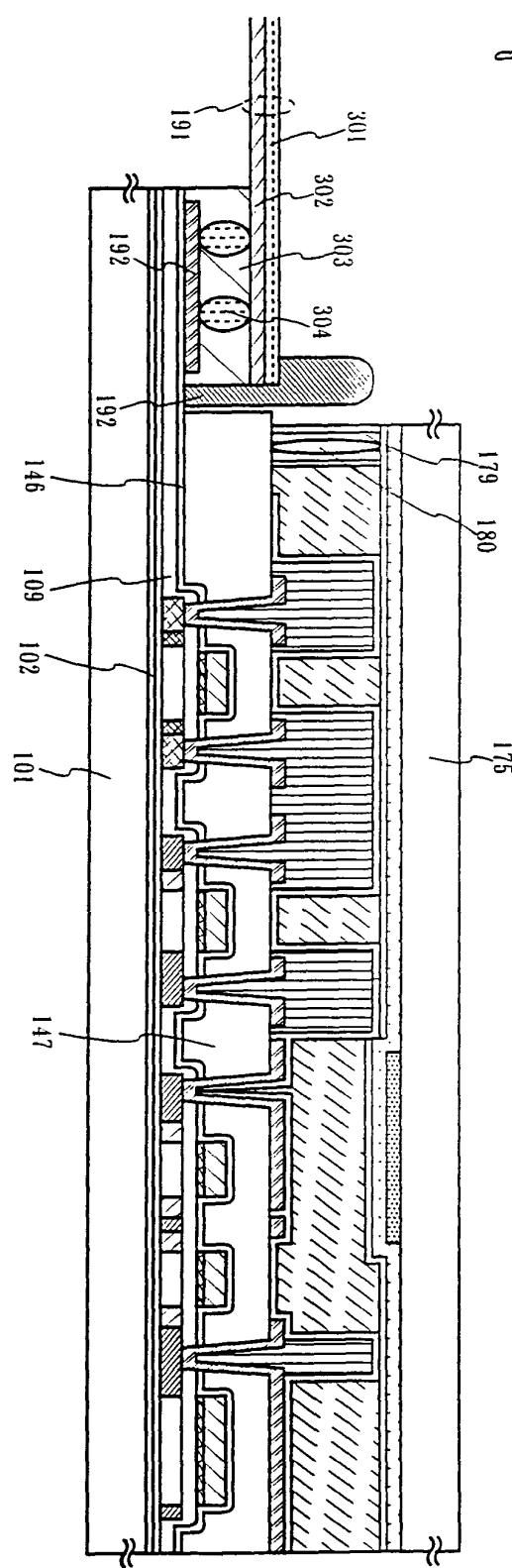
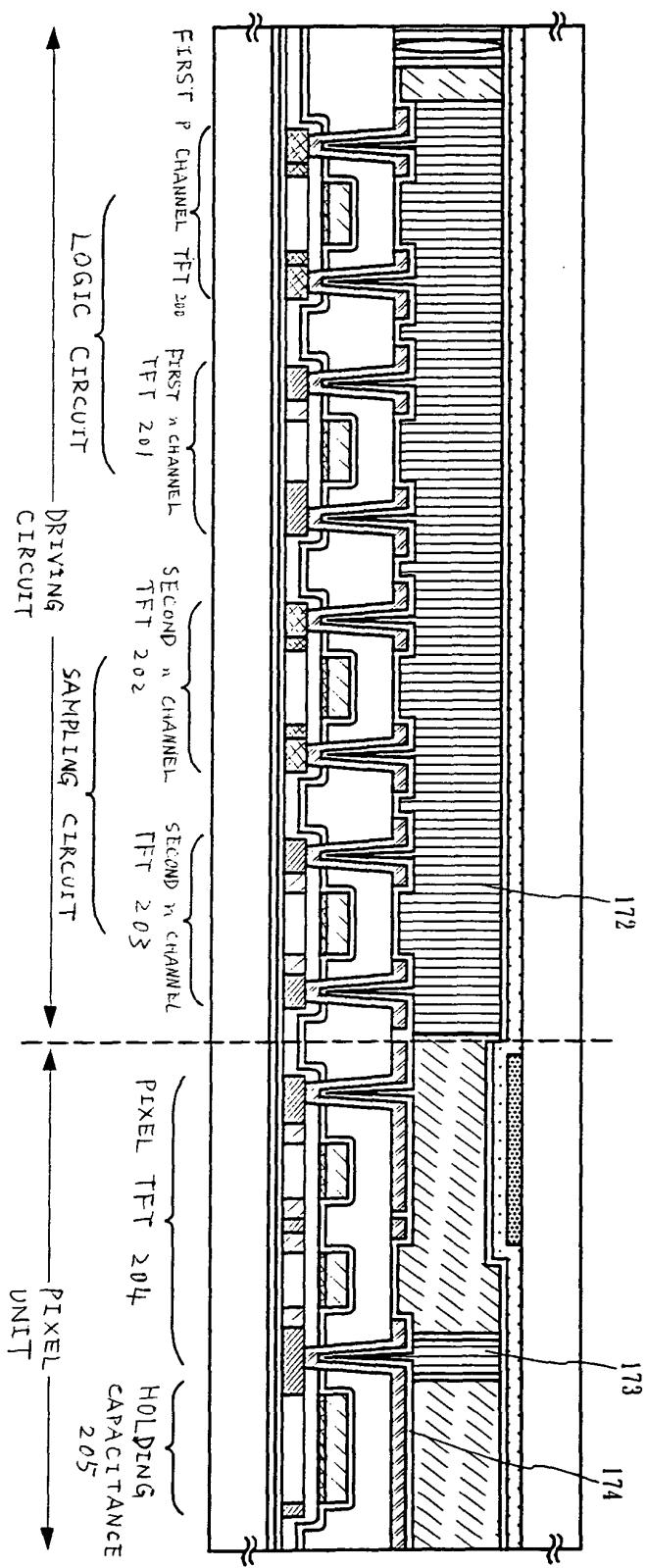
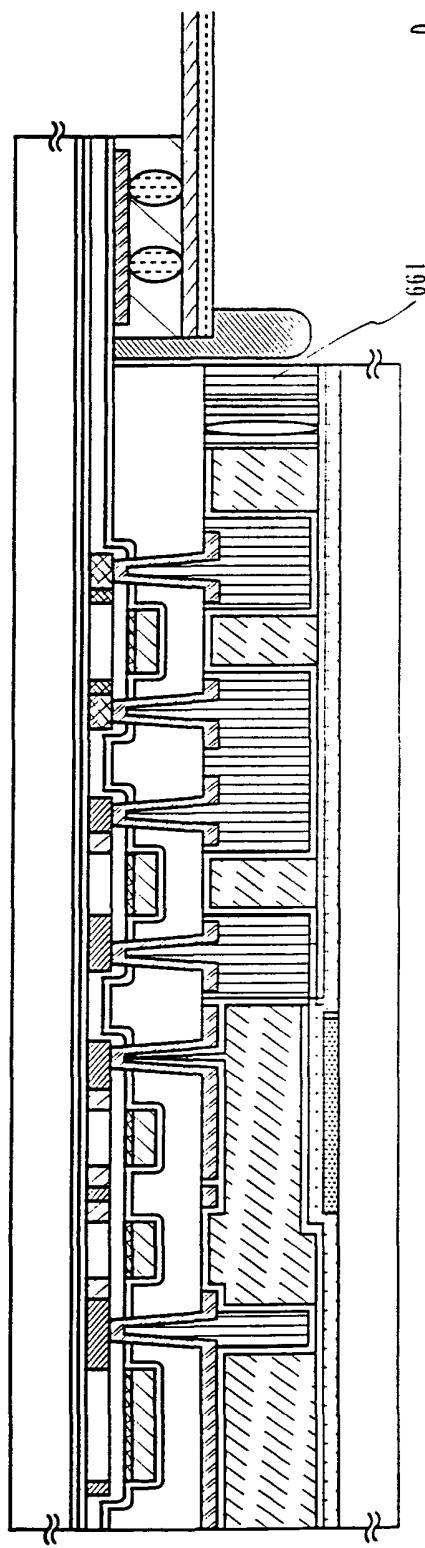


Fig. 19



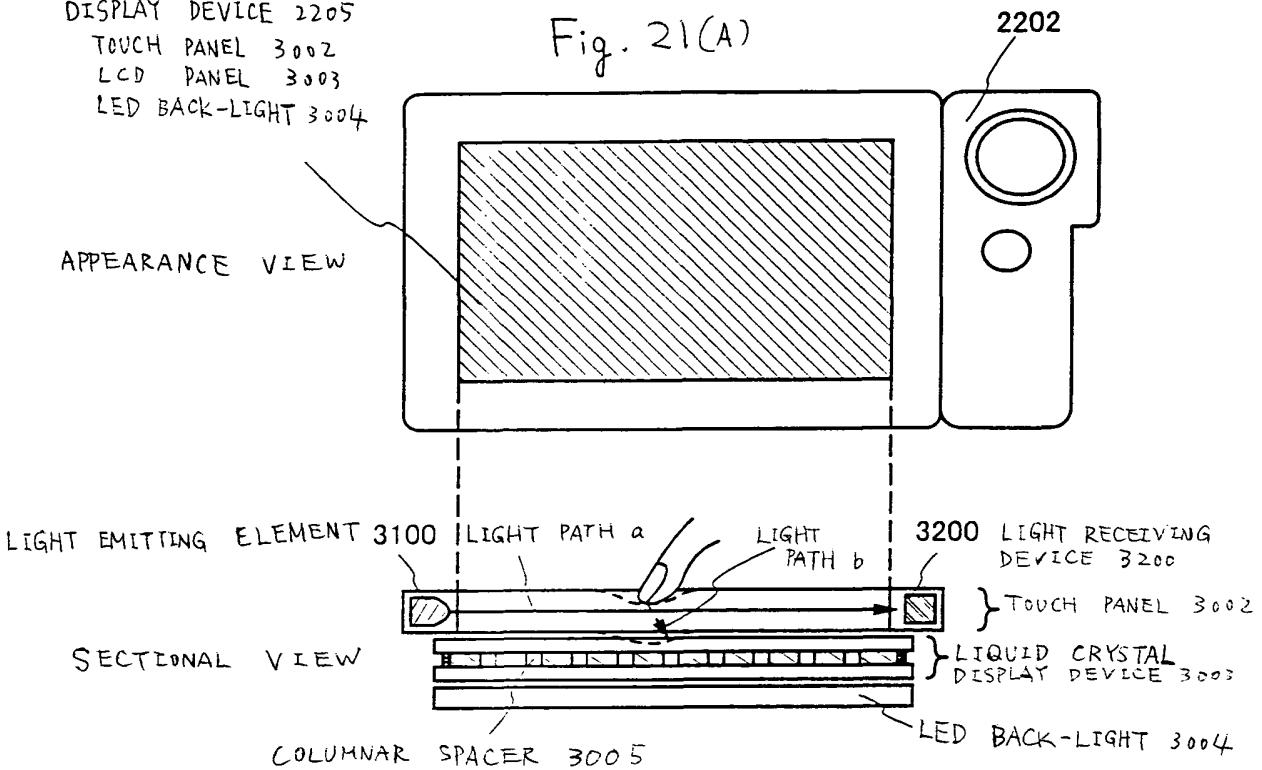
00210243 - 0226010

Fig. 20



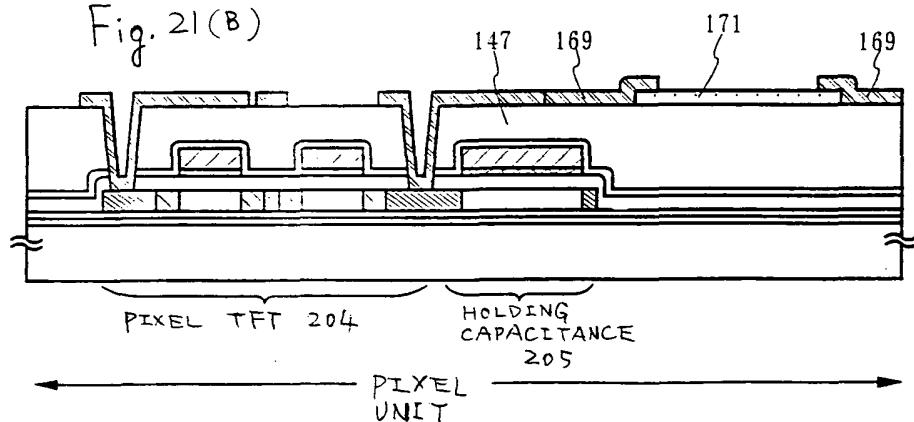
DISPLAY DEVICE 2205
 TOUCH PANEL 3002
 LCD PANEL 3003
 LED BACK-LIGHT 3004

Fig. 21(A)

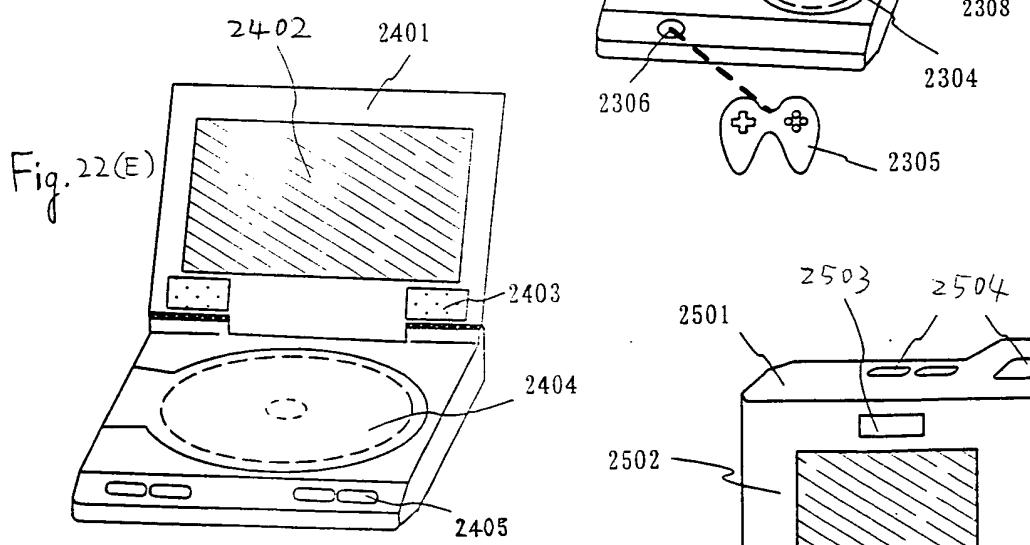
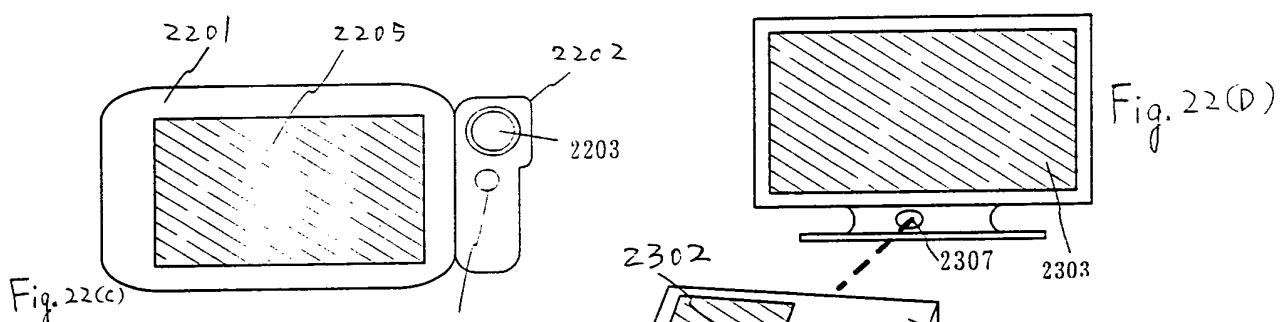
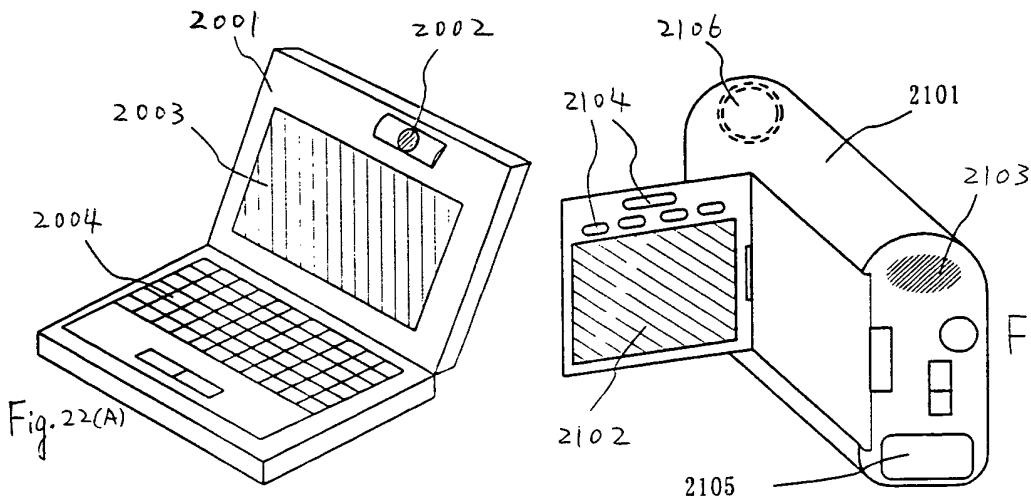


APPEARANCE VIEW AND SECTIONAL VIEW OF PORTABLE INFORMATION TERMINAL (OPTICAL TOUCH PANEL)

Fig. 21(B)



SECTIONAL VIEW OF PIXEL UNIT



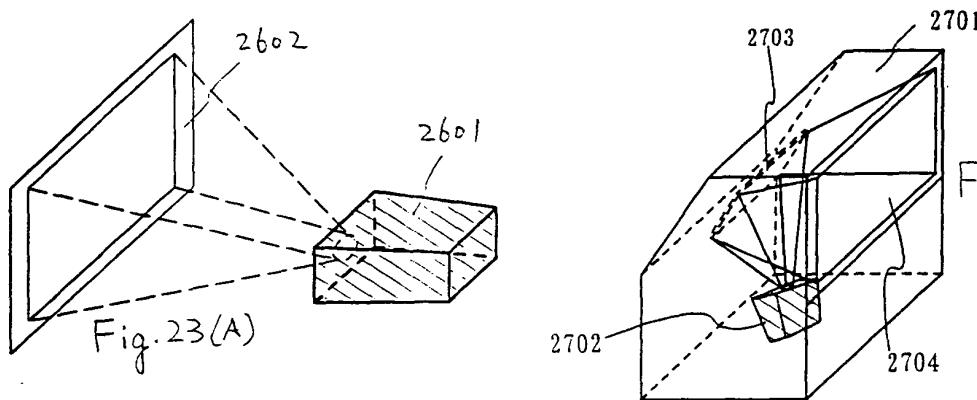


Fig. 23(B)

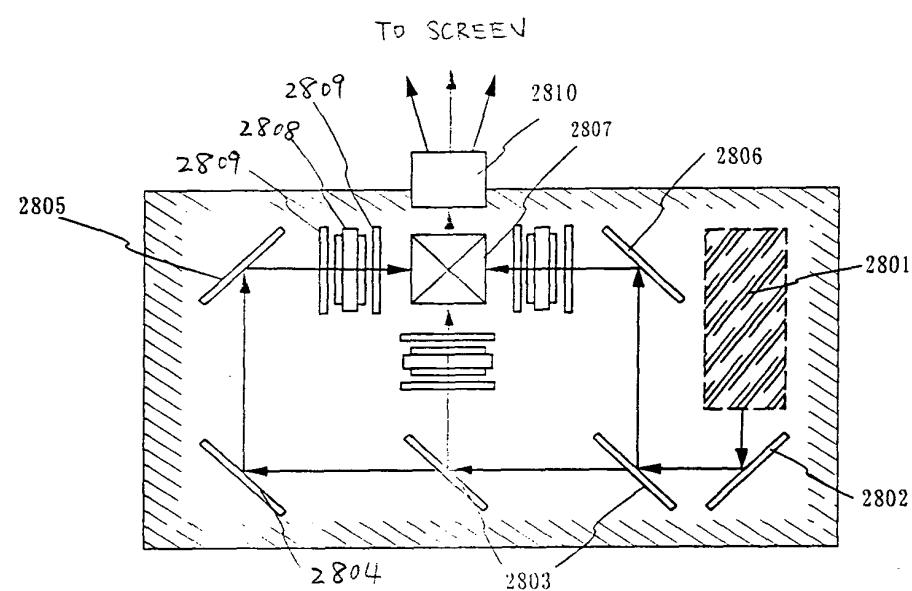


Fig. 23(C) LIGHT SOURCE OPTICAL SYSTEM AND DISPLAY DEVICE (THREE PLATE TYPE)

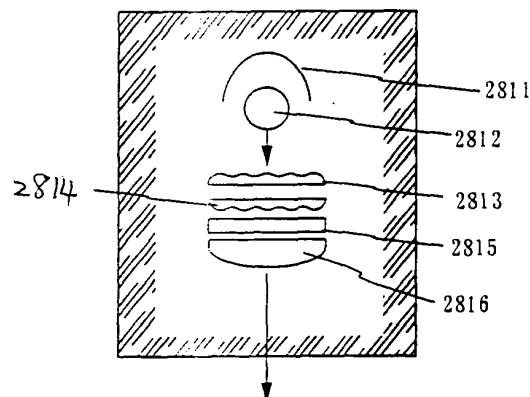


Fig. 23(D)

LIGH SOURCE
OPTICAL SYSTEM